

**LASER MEASUREMENT SYSTEM WITH DIGITAL DELAY
COMPENSATION**

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ABSTRACT OF THE DISCLOSURE

A method and system for determining and compensating for phase and time errors in an optical receiver. The method and system includes use of a measurement and reference signal; deriving phase and time errors; and providing compensation values to the optical receiver. The operating frequency and/or other operating
5 parameters associated with phase and time errors are determined and recorded to allow for proper compensation to the optical receiver.